DESOTO, INC.

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS, AND RELATED MATERIALS

CAPPROVED BY US DEPARTMENT OF LABOR "ESSENTIALLY SIMILAR" TO FORM DSHA-20) SECTION I

DESOTO, INC.

ADMINISTRATIVE AND RESEARCH CENTER

EMERGENCY TELEPHONE (312) 391-9000

PRODUCT CLASS

TRADE NAME

MODIFIED POLYESTER

1700 S. MT. PROSPECT ROAD DES PLAINES, ILLINOIS 60018

Light Gray-Flat
DMS 2115-36622

MANUFACTURERS CODE IDENTIFICATION

822X327

SUPER DESOTHANE

SUPERSEDES 10/06/81 MSDS

DATE OF PREPARATION 09/15/82

\* SECTION II-HAZARDOUS INGREDIENTS \*\*\*\*\*\*\*\*\*\*\*\*

INGREDIENT	% BY* WEIGHT	РРМ	TLV	MG/CU.M	LEL	VAPOR PRESSURE a 20 DEG C
BUTYL ACETATE ETHYL ACETATE 2-ETHOXYETHYL ACETATE-SKIN ** METHYL ISOBUTYL KETONE-SKIN SILICA-AMORPHOUS	10.0 < 5.0 20.0 10.0 15.0	150 400 50 50		710 1400 270 205 6 TOTAL	1.7 2.2 1.8 1.4 NA	8.0 76 2.0 15 NA

\* PERCENT BY WEIGHT:

TO NEAREST 5%, PLUS OR MINUS 5%, FOR SUBSTANCES 5-95%;

<5.0 FOR SUBSTANCES 0.5-5.0%;</pre>

<0.5 FOR SUBSTANCES 0.0-0.5%.

\*\* ACGIH NOTICE OF INTENDED CHANGE, 1982: TLV-TWA=5PPM NE = NOT ESTABLISHED NA = NOT APPLICABLE

\* SECTION III-PHYSICAL DATA \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PROPERTY

MEASUREMENT

BOILING RANGE 171.0 TO 313.0 DEG F. 77.0 TO 156.0 DEG C.

**a760 MM HG** 

VAPOR DENSITY

X HEAVIER

LIGHTER THAN AIR

WEIGHT PER GALLON

10.5 LBS.

PERCENT VOLATILE BY VOLUME

69.0

EVAPORATION RATE

FASTER

X SLOWER THAN ETHER

09/15/82

\* SECTION IV-FIRE AND EXPLOSION DATA \*\*\*\*\*\*\*\*\*\*\*\*

DUT CATEGORY

FLAMMABLE LIQUID

FLASH POINT

30.0 DEG F.

OSHA CATEGORY

FLAMMABLE LIQUID-CLASS I B

(CLOSED CUP)

-1.1 DEG C.

LOWER EXPLOSIVE LIMIT

SEE II

EXTINGUISHING MEDIA: USE NATIONAL FIRE PROTECTION ASSOCIATION CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL DR FOAM).

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES. SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED. FOG NOZZLES ARE PREFERABLE. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN.

THRESHOLD LIMIT VALUE: SEE II (NOT ESTABLISHED FOR PRODUCT)

## EFFECTS OF OVEREXPOSURE:

INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA.

SKIN OR EYE CONTACT: PRIMARY IRRITATION.

## DIHER HEALTH EFFECTS:

REPRODUCTIVE AND BLOOD DISORDERS AND BIRTH DEFECTS HAVE BEEN OBSERVED IN TESTS ON LABORATORY ANIMALS WITH 2-METHOXYETHANOL, 2-ETHOXYETHANOL, AND 2-ETHOXYETHYL ACETATE. BECAUSE THIS PRODUCT CONTAINS AT LEAST ONE OF THESE SOLVENTS, HANDLING PRECAUTIONS AS OUTLINED IN SECTIONS VIII AND IX SHOULD BE CAREFULLY FOLLOWED TO AVOID OVEREXPOSURE.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREAS WITH WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN.

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STABILITY:

UNSTABLE X STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS OF COMBUSTION ARE HAZARDOUS

HAZARDOUS POLYMERIZATION:

MAY OCCUR

X WILL NOT OCCUR

CONDITIONS TO AVDID:

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

## RESPIRATORY PROTECTION:

IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS INDICATED IN SECTION II USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR. IN CONFINED AREAS USE NIOSH APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

VENTILATION: WHERE EMPLOYEES MAY BE EXPOSED, PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP TLV OF HAZARDOUS INGREDIENTS IN SECTION II BELOW RECOMMENDED (ACGIH) OR REGULATED (OSHA) LIMIT. WHERE EMPLOYEES WILL NOT BE EXPOSED, KEEP LEL IN SECTION II BELOW 25% OF LIMIT

PROTECTIVE GLOVES: BUTYL RUBBER PREFERRED. NEOPRENE OR NITRILE ACCEPTABLE.

EYE PROTECTION: SPLASH PROOF GOGGLES AND/OR FACE SHIELD.

## OTHER PROTECTIVE EQUIPMENT:

PROTECTIVE CLOTHING SUCH AS BUTYL, NEOPRENE, OR NITRILE RUBBER APRON ACCEPTABLE. A SAFETY SHOWER, AN EYE BATH, AND WASHING FACILITIES SHOULD BE AVAILABLE.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

CONTAMINATED CLOTHING SHOULD BE WASHED BEFORE REUSE

DO NOT SAND, FLAME CUT, BRAZE OR WELD THE DRY COATING WITHOUT NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

OBSERVE PRECAUTIONARY LABEL WARNINGS.

PREPARED BY R. A. PROKOP